

Patentability

The Present Invention

As described in the specification of the present application, the resin of the soluble lubricating resin film of the present invention essentially consists of an alkali-soluble polyurethane resin composition, which is suitable to form an alkali-soluble lubricating resin film. By using the alkali-soluble lubricating resin film of the present invention, excellent lubrication and protection during even deep drawing or squeezing can be obtained.

JP-10-109376

JP '376 clearly mentions that the film is a non-defilm (not-removed film) in Japanese claim 1. The purpose of the film of JP '376 is to provide a resin film during working or shaping and the film is not removed after the sheet is worked or shaped. That is, the film of JP '376 remains on the surface of the steel sheet after the steel sheet is worked or shaped and when the shaped steel sheet is being used.

The computer translation of JP '376 at [0009] [Problem(s) to be Solved] and [0010] [Means For Solving the Problem] clearly discloses that the film of JP '376 has a primary rust prevention nature. See also the Patent Abstracts of Japan for JP '376 under Problem To Be Solved which discloses that the film of JP '376 has "excellent primary rust-proofness". Thus, the film of JP '376 is not removed after a working or shaping.

JP '376 therefore discloses an alkali-insoluble lubricating resin film which is essentially different from the alkali-soluble resin lubricating film of the present invention in which resin film is removed after a working or shaping step.

The resin chemical structure (linear or network; functional group, etc.) of the alkali-soluble film of the present invention is essentially different from that of the non-soluble resin film of JP '376.

It is therefore submitted that claims 1, 6, 8-14 and 16 are patentable over Japan No. 10-109376 to Hiroyuki et al.

Allowable Subject Matter

The applicants are pleased to note that the Office Action advises at ¶4 of page 2 that dependent claims 2-5, 7 and 15 would be allowable if rewritten in independent form to include all the limitations of the base claim and any intervening claims.

The applicants are pleased to note that the Office Action at ¶5 of page 2 advises that claims 17-24 are allowed.

CONCLUSION

In view of the foregoing remarks, it is submitted that the application is now in condition for allowance. It is therefore respectfully requested that the application be allowed and passed to issue.

Respectfully submitted,

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